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| Form PTO-1449   | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | DOCKET NUMBER (OPTIONAL)<br>1976.68389 | APPLICATION NUMBER |
| INFORMATION DISCLOSURE CITATION<br>IN AN APPLICATION<br>(Use several sheets if necessary) |  | APPLICANT<br>Shepherd, John D.         |                    |
|   |  | FILING DATE<br>Herewith                | GROUP ART UNIT     |

## U.S. PATENT DOCUMENTS

| *Examiner Initial |    | DOCUMENT NUMBER | DATE     | NAME           | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|----------|----------------|-------|----------|----------------------------|
| <i>Q</i>          | AA | 1,549,198       | 8/11/25  | Haney          |       |          |                            |
|                   | AB | 1,857,500       | 5/10/32  | Davison        |       |          |                            |
|                   | AC | 1,931,773       | 10/24/33 | Sobol          |       |          |                            |
|                   | AD | 2,250,313       | 7/22/41  | Petz et al.    |       |          |                            |
|                   | AE | 2,402,550       | 6/25/46  | Hiack          |       |          |                            |
|                   | AF | 2,437,393       | 3/9/48   | Kramer         |       |          |                            |
|                   | AG | 2,593,283       | 4/15/52  | Erlebach, Sr.  |       |          |                            |
|                   | AH | 2,680,643       | 6/8/54   | Cravotta       |       |          |                            |
|                   | AI | 2,855,668       | 10/14/58 | Ottenad et al. |       |          |                            |
|                   | AJ | 2,862,755       | 12/2/58  | Gulden         |       |          |                            |
| <i>Q</i>          | AK | 3,061,270       | 10/30/62 | Lowe           |       |          |                            |

## FOREIGN PATENT DOCUMENTS

|  |    | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |    |
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|  |    |                 |      |         |       |          | YES         | NO |
|  | AL |                 |      |         |       |          |             |    |
|  | AM |                 |      |         |       |          |             |    |
|  | AN |                 |      |         |       |          |             |    |
|  | AO |                 |      |         |       |          |             |    |
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|--------------------------|----|-----------------|----------|--------------|-------|----------|-------------------------------|
| ②                        | AA | 3,333,881       | 8/1/67   | Hollinger    |       |          |                               |
|                          | AB | 3,663,050       | 5/16/72  | Fuchs        |       |          |                               |
|                          | AC | 4,326,743       | 4/27/82  | Tamura       |       |          |                               |
|                          | AD | 4,603,744       | 8/5/86   | Ramirez      |       |          |                               |
|                          | AE | 4,641,712       | 2/10/87  | Cravotta     |       |          |                               |
|                          | AF | 4,723,802       | 2/9/88   | Fambrough    |       |          |                               |
|                          | AG | 4,819,736       | 4/11/89  | Hedgepeth    |       |          |                               |
|                          | AH | 4,905,768       | 3/6/90   | Lorenz       |       |          |                               |
|                          | AI | 5,004,283       | 4/2/91   | Sullivan     |       |          |                               |
|                          | AJ | 5,005,888       | 4/9/91   | Parks et al. |       |          |                               |
| ②                        | AK | 5,060,997       | 10/29/91 | Plecki       |       |          |                               |

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|-------------------|-----------------|----------|------------|-------|----------|----------------------------|
| AA                | 5,261,496       | 11/16/93 | Smotherman |       |          |                            |
| AB                | 5,330,010       | 7/19/94  | Smotherman |       |          |                            |
| AC                | 5,441,118       | 8/15/95  | Cruz, Jr.  |       |          |                            |
| AD                |                 |          |            |       |          |                            |
| AE                |                 |          |            |       |          |                            |
| AF                |                 |          |            |       |          |                            |
| AG                |                 |          |            |       |          |                            |
| AH                |                 |          |            |       |          |                            |
| AI                |                 |          |            |       |          |                            |
| AJ                |                 |          |            |       |          |                            |
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